

**Amendments to the Drawings**

The drawings are amended by the eight (8) attached replacement sheets.

In replacement sheet 1, which only contains figure 1, the element previously labeled 10 is now labeled 26 so as to conform to the specification.

In replacement sheet 2, which only contains figure 2, the element previously labeled 20 is now labeled 26, label 22 and old label 26 are removed and label 23 is added.

In replacement sheet 3, which only contains figure 3, the label sheet 3 of 7 is replaced with sheet 3 of 8.

In replacement sheet 4, which only contains figure 4, label 28 is added.

In replacement sheet 5, which only contains figure 5, the element previously labeled 58 is now labeled 24, the element previously labeled 50 is now labeled 28 and label 50 has been added.

In replacement sheet 6, which only cont labels 50, 58 and 61 have been added, and label 62 removed; the rectangle labeled 61 is added to show the area previously shown by dimension lengths 60 and 62; and the metal toner pattern indicated as element 50 has been shaded differently to distinguish it from the metal toner pattern indicated as element 58.

In replacement sheet 7, the elements previously labeled as 34, 64, 66 and 70 have been labeled 50, 52, 58 and 26 respectively.

In replacement sheet 8, new figure 8 that was inadvertently omitted from the PCT application has been added. In the PCT application as filed, the specification contained a description of figure 8 on page 6, lines 1 to 4. The drawing which is now figure 8 was inadvertently omitted from the PCT application. The new figure 8 is a graphical representation of the description on page 6, lines 1 to 4 of the PCT application as filed. No new material is added.

Attachment: Eight (8) replacement sheets

### **Remarks/Arguments**

This application is a National Stage filing of PCT application PCT/US01/48253 filed on December 14, 2001 and claiming priority from a US Provisional application 60/255,490 filed December 15, 2000. This preliminary amendment is being filed on the same date as a Petition to revive an unintentionally abandoned application pursuant 35 U.S.C. § 371 regarding this application.

By this preliminary amendment, the specification and drawings have been amended to correct numbering and typographical errors and no new matter has been added.

Claims 1 – 21 are in this application. Claims 1, 13 and 18 are independent claims. Claims 1, 13-17, and 19-21 have been amended.

### **Amendments to the claims**

Claim 1 has been amended to read in relevant part: “an antenna means on said substrate, said antenna means being comprised of a metal toner printed in a pattern comprising at least one loop”.

Claim 13 has been amended to read in relevant part: “Electrostatic printing of a metal toner on a coated substrate, said printing comprising an antenna having at least one loop”.

Support for the amendments are found in, for instance, figure 1 of the drawings as filed, and on page 3, lines 6-8.

By these amendments, applicant’s claimed invention is distinguished from the prior art cited in the International Preliminary Examination Report (IPER) of March 5, 2003.

In the IPER, independent claim 1 was indicated being obvious over Vega et al. (US Patent 6,147,605) in view of Nysen et al. (US Patent 5,095,240). Vega et al. disclose a dipole antenna, as can be seen from figures 1 and 2. as does Nysen et al. in, for instance, column 4, lines 12-16. Neither Neysen or Vega disclose, or make obvious, an antenna having at least one loop and, therefore, do not disclose, or make obvious, applicant’s invention of claim 1.

The IPER also indicated independent claim 13 as being obvious over Tuttle et al. (US 6,045,652). Tuttle discloses a dipole antenna, as seen in figure 1a and the specification

at, for instance, column 6, lines 16-19. Tuttle does not disclose, or make obvious, an antenna having at least one loop and, therefore, do not disclose, or make obvious, applicant's invention of claim 13.

Claims 14-17 and claims have been amended to be dependent claims.

**Conclusion**

The U.S. Patent Office is hereby requested to examine the application based upon the amended specification, drawings and claims.

If the patent examiner has any questions or comments, he/she is respectfully requested to contact applicant's attorney at the telephone number indicated below so that additional amendments may be added as required.

Respectfully submitted,

Robert Detig

By Roy J. Rosser

Roy J. Rosser  
Attorney for Applicant  
Reg. No. 53,533

Synnestvedt, Lechner and Woodbridge  
P. O. Box 592  
Princeton, NJ 08542-0592  
Tel. (609) 924-3773  
Fax (609) 924-1811